

IN THE SPECIFICATION

Please replace the paragraph beginning at page 2, line 12, with the following rewritten paragraph:

Recently, it becomes for a lens to be complex in a function and a shape, and there appears a lot of lens and die for the lens machined by hale-machining. As shown in Fig. 1, a tool axis direction L of a haling tool 34 is coincided with a normal direction N of machined surface WS of a workpiece and a front rake surface 34c of the haling tool 34 is substantially maintained in perpendicular to a feed direction F of hale-machining. Therefore, the attitude of the haling tool 34 is swung up and down by maintaining the tool axis to the normal direction and right and left by maintaining the front rake surface at the perpendicular angle to the cutting feed direction so that a removable amount is precisely maintained in constant. On the result, the machined surface of the workpiece W can be machined by haling tool 34 to achieve a high geometrical accuracy in the pre-determined three-dimensional free curved surface. However, the well-known high precision machine is not provided with mechanical means to swing or rotate right and left the workpiece or the haling tool around an A-axis parallel to the X-axis, therefore, the well-known precision machine can not hale-machine the machined surface of the workpiece in three-dimensional curved surface because the front rake surface of the haling tool can not be substantially maintained at the perpendicular angle to the cutting feed direction F at any time.